



DECRYPTED

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ANJUMAN-I-ISLAM'S KALSEKAR TECHNICAL CAMPUS

SCHOOL OF ENGINEERING AND TECHNOLOGY

The Anjuman-I-Islam, a prominent educational conglomerate in Mumbai has started its 150 years of successful journey. The educational institute that started with a modest one school in February 1874, now has more than eighty institutions. The educational conglomerate and social organization was founded by a small group of devout and progressive Muslims led by Dr. Badruddin Tyabji, Third President of the Indian National Congress and the First Acting Indian Chief Justice of Bombay High Court, with a "desire to see the Muslim Community advance in education and social standing".



DR. ZAHIR I. KAZI
President,
Anjuman-I-Islam, Mumbai

“The art challenges the technology, and the technology inspires art.”

PRESIDENT'S MESSAGE

All progress takes place outside the comfort zone

Dear aspiring students,
I welcome you to Kalsekar Technical Campus (AIKTC), a role model campus of Anjuman-I-Islam and a high-tech educational campus of Navi Mumbai. AIKTC came into existence by the progressive approach and efforts of Anjuman-I-Islam Mumbai, the foremost prestigious educational and social organization committed for nation building services since 1874.

CHAIRMAN'S MESSAGE

Escape the Ordinary!

My dear students,
Hearty welcome to Anjuman-I-Islam's Kalsekar Technical Campus. It is one of the highly acclaimed institutions in the history of Anjuman-I-Islam. From the beginning of this campus, we have been remarkably successful in imparting quality technical education through sincere and honest practices, thus building a culture of great work. We enable every student to explore new realms of knowledge, skills, attitude and wisdom. At this campus, we produce knowledgeable technical professionals with the right attitude, character, and inspiring mindset, thus making them lifelong learners. For this, we do all that is required to be done for you.



MR. BURHAN HARRIS
Hon. Executive Chairman,
BINM

“With You.... Till You Do Not Need Us – In Any Way“

DIRECTOR'S MESSAGE

"The distance between Dreams and Reality is called Action"



**DR. RAMJAN AHAMAD
KHATIK**

Director - AIKTC, New Panvel

"Do what you have to do until you can do what you want to do!"

Ask yourself if what you're doing today is getting you closer to where you want to be tomorrow."

My dear students,

We have completed a decade of Innovative Teaching, Leading, Learning and Growing. If you have a passionate desire, believe in yourself, ready to visualize and push yourself with 1% extra effort (action) compared to others, then you are at the right place (AIKTC) to make it happen. We are committed to provide education par excellence to our students to become graduates with strong globally acceptable attributes in the exponentially evolving world. It is our innate pride for having attained the status of being "Role model campus" of Anjuman-I-Islam, Mumbai. We honestly impart technical education par excellence leveraging knowledge & skills, nurturing values & characters for holistic human development and global well-being.

DEAN'S MESSAGE

"Dream, Believe, Act, Achieve."

As a dean of the School of Engineering and Technology (SoET), I take great pride in sharing that the school has state-of-the-art infrastructure and laboratories. Our faculty members are from diverse domains; they are highly qualified, having decades of teaching and industrial experience. We have set a tradition of soaring high with academic excellence and overall personality development of the students. The very purpose of education is to inculcate among the students an ability to think and develop logic to reason out facts, and this is achieved by providing them with an excellent academic environment



DR. RAJENDRA MAGAR

**Dean, SoET
AIKTC, New Panvel**

"Quality education is a partnership between students, teachers, and leaders, and together, we can achieve greatness."

HOD'S MESSAGE



PROF. TABREZ KHAN
HOD, Computer Engineering
AIKTC, New Panvel

"In education, we don't just impart knowledge; we empower the next generation to shape a better world."

"Dreams fuel the journey, but action paves the way."

Dear Learners,
I am thrilled to extend a warm welcome to all of you to the Computer Engineering Department at AIKTC. It is with great pride that I serve as the Head of this dynamic and forward-thinking department. Our dedicated faculty members are not only experts in their respective fields but also passionate educators, committed to providing you with an exceptional learning experience. They bring a wealth of research and industry experience that enriches our curriculum and ensures that our students are exposed to the latest advancements in the field.

EDITORIAL HEAD

We are delighted to present this edition of our department's technical magazine, showcasing the innovative ideas and research contributions of our students and faculty. This magazine serves as a platform to inspire curiosity, creativity, and technological excellence. We extend our gratitude to all contributors and hope this edition ignites a passion for learning and innovation among readers.



Prof. Muhib Lambay
Assistant Professor - CO

MESSAGE FROM EDITORIAL BOARD

With the release of this edition, we now look ahead to the next issue of our Department's Technical Magazine. The magazine serves as a platform to share ideas, projects, and articles that reflect the interests and efforts of our academic community.

For the upcoming edition, we welcome contributions from students, faculty, and alumni—whether it's research, projects, or articles on technical topics. Every contribution adds value and helps us make the magazine more engaging.

As the Editorial Board, we simply aim to continue this effort of sharing knowledge and creativity. We look forward to your support in shaping the next edition together.

STUDENT EDITORIAL TEAM



Muzammil Ansari



Sumaiya Dadnak



Umair Faquih

SCHOOL OF ENGINEERING & TECHNOLOGY

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STUDENT ACHIEVEMENTS

TOPPERS FROM COMPUTER ENGINEERING ACADEMIC YEAR 2023-2024



KHAN ARSHAD ABDULLA

PERCENTAGE :- 81.78%

CGPI :- 9.43



**KHAN NABIL AHMED HIFZUR
REHMAN**

PERCENTAGE :- 81.12%

CGPI :- 9.34



KHAN BUSHRA SARFARAZ

PERCENTAGE :- 80.15%

CGPI :- 9.21

1

STUDENT ACHIEVEMENTS

3RD RANK IN WOMEN BOX CRICKET TOURNAMENT 2024



1. IMAN NAVDEKAR
2. MRUNAL BHOSALE

1ST PRIZE WINNER OF AI-CODEX HACKATHON 2024

1. SHADULLA SHAIKH
2. MAVIA ANSARI
3. SAMEER SHAH



2

FACULTY ACHIEVEMENTS



PROF. MUHIB A. LAMBAY

Research Paper Publication in SCI Journal

Applying Data Science approach to Predicting Diseases and Recommending Drugs in Healthcare using Machine Learning Models – A Cardio Disease Case Study.



PROF. SAFIA SADRUDDIN

Research Paper Publication in Scopus

A Multimodal Fusion for Physiological Sensor and Audio Signal-based Stress Detection Using Sliding Hierarchical Bidirectional Recurrent Neural Network



PROF. IRFAN JAMKHANDIKAR

Paper Presentation in IEEE Conference

Blood Group Detection using Image Processing.



PROF. NUSRAT JAHAN

Paper Presentation in IEEE Conference

Exploring Medical Diagnosis using Vision Transformer and CNN

Training & Placement



**Prof. Ashfaq
Jamkhandikar**
Head of TPO

Training and Placement Cell – AIKTC

The Training and Placement Cell at AIKTC facilitates student placements through regular campus recruitment drives by renowned multinational companies and conglomerates.

The institute is equipped with dedicated facilities for:

- Written and online tests
- Group discussions
- Interviews
- Other placement-related activities

A committed faculty and student committee, under the guidance of the TPO, ensures systematic training and continuous preparation for interviews and workplace readiness.

Thanks to strong industry connections, all eligible students are placed annually, with many securing multiple offers. Over 75+ companies visit the campus yearly, offering 200+ job offers to B.E. students, with pay packages ranging from ₹3 to ₹12 LPA.

Training and Placement – Computer Engineering Department

The Training and Placement Cell of the Computer Engineering Department at AIKTC actively supports students in securing job opportunities through campus interviews. Each year, several renowned national and international companies visit the campus for recruitment.

Students benefit from well-established facilities for:

- Written and online assessments
- Group discussions
- Interviews
- Other placement-related activities like CRTs

The cell ensures students are motivated and well-prepared for interviews and future workplaces through structured and continuous training efforts.



**Prof. Mukhtar
Ansari**
TPO Coordinator

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STUDENTS CLUB



Google Developer Student Club

The GDSC program is a grassroots channel through which Google provides development skills, mobile and web development skills for students, towards employability. For students to learn development skills, solve problems through technology and inspire them to be world class developers and changemakers. GDSC activities are targeted at University students and any others including faculty members who want to learn development skills & work to solve real-life problems.



**Prof. Samreen
Banu Kazi**
Faculty Co-ordinator



Mrunal Bhosale
GDGC Organizer



Arman Khan
Technical Expert



Siddique Sakharkar
Design Lead



Aashish Chavan
Community Lead



Ayesha Pasha
Documentation Lead



Programmers Club

A club “For the students, by the students” who focus and work to foster a dynamic community of tech enthusiasts, emphasizes student-led initiatives, promotes learning & personal growth also engages in workshops, projects & discussions.

Vision: To create a thriving community of tech passionate students that gather to explore, learn & innovate.

Mission: To provide platform for students to enhance their tech & programming skills through workshops.



Shahdullah Shaikh
Student Coordinator



Ambar Qadri
Guide



Iman Navdekar
Guide



Basheer Bronkar
Lead

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ALGORITHM 8.0

The Programmers Club of Anjuman-I-Islam's Kalsekar Technical Campus (AIKTC) organized a thrilling and intellectually enriching event – the “ALGORITHM 8.0”, A National Level Hackathon. Held on the 1st and 2nd of March 2024, this 32-hour non-stop coding extravaganza brought together programmers, developers and

tech enthusiasts from various backgrounds, all eager to exhibit their skills, creativity, and problem-solving prowess.

Hosted by the Computer Engineering Department's Programmers Club, the event served as a dynamic platform for participants to unleash their innovative ideas while tackling real-world challenges. It not only highlighted the immense talent within the tech community but also fostered collaboration, learning, and a spirit of continuous innovation.

We are proud to celebrate the exceptional achievements of our very own students at this national-level event. Team “Desi Coders”, representing the Computer Engineering Department of AIKTC, emerged as the winning team with their impactful project titled “Open Source AI for Social Good”. Their dedication, innovation, and technical expertise truly set them apart.

These remarkable accomplishments reflect the nurturing environment and culture of excellence at AIKTC. We take great pride in our students' contributions to the ever-evolving world of technology and problem-solving.

OUTCOMES:



- Participants used technology and programming to develop innovative solutions.

- The winning team was selected based on various parameters like technical soundness, and alignment with SDGs.
- Participants gained valuable experience and learned new skills.



- The hackathon raised awareness and created solutions for real-world problems.
- The organizing team also learned various soft skills while coordinating the hackathon, which added to their professional development.



BONHOMIE

The Council of Students (CoST) at AIKTC organized the annual Sports, Cultural, and Technical Fest – Bonhomie - from 3th February 2025, with support from the Director and Anjuman-I-Islam's Management.

The fest was inaugurated on 6th March in the AIKTC auditorium, with Dr. Vijay Kumar (Deputy Commissioner-GST, Maharashtra) as the Chief Guest, who inspired students with his personal journey.



Dr. Zahir Kazi, President of Anjuman-I-Islam, highlighted the importance of communication, public speaking, and participation in such events for holistic development.

Director Dr. Ramjan Khatik emphasized values like teamwork, leadership, and ethics over winning alone.

Over a week, students participated enthusiastically in various sports, technical, and cultural events. From football and athletics to debates, and extempore, and vibrant cultural performances, the fest showcased student talent across all disciplines. Workshops and expert-led sessions added to the learning experience.

Bonhomie 2025 successfully united

students from Architecture, Pharmacy, and Engineering, leaving a lasting impact and fostering a spirit of collaboration and excellence.



TECH ARTICLE: THE RISE OF GENERATIVE AI

Beyond Chatbots to Real-World Problem Solving

Generative Artificial Intelligence (GenAI) has rapidly become one of the most influential technologies of recent years. While many associate it with chatbots like ChatGPT or Gemini, its potential extends far beyond conversations—it is now shaping domains like medicine, education, business, and creativity.

What is Generative AI?

Unlike traditional AI, which only analyzes data, GenAI can create new content such as text, images, audio, code, and even designs. This ability makes it both powerful and versatile.



Applications Beyond Chatbots

- **Healthcare** :- Accelerates drug discovery and supports personalized treatment.
- **Education** :- Provides AI tutors and smart study tools.
- **Software Development** :- Tools like GitHub Copilot assist with coding and debugging.
- **Creativity** :- Enables artists and writers to explore new ideas and designs.
- **Business & Research** :- Simplifies report generation, predictions, and innovation.

Opportunities vs. Challenges

GenAI offers faster innovation, productivity, and access to advanced tools. However, it also raises challenges like plagiarism, misinformation, and ethical concerns, making responsible use essential.



Why It Matters to Students

For Computer Engineering students, GenAI opens doors to learning, developing cutting - edge projects, and career opportunities in AI, machine learning, and deep learning.

Conclusion

Generative AI is much more than chatbots—it is about solving real problems with intelligence and creativity. For students, it represents not just a tool but an opportunity to shape the future responsibly.

ANJUMAN-I-ISLAM'S KALSEKAR TECHNICAL CAMPUS



It is an outstanding technological campus where students are trained & taught by qualified teachers and trainers to attain their full potential. AIKTC provides Best of Facilities for quality education, research and practice in all the professional Programmes in Engineering & Technology ranging from Diploma to Degree to Postgraduate courses. The Campus aims at developing students into a complete Human Resource, that needs the highest expectations of the industry and the society at large. It also develops their capabilities to face the challenges of ever changing social and technical world.

OUR VISION:

"To be the most sought after Technical Campus that others would wish to emulate"

OUR MISSION:

"Creating Exuberant Technical Professionals"

Bachelor Of Engineering (B.E.) 4 years
Civil Engineering
Computer Engineering
Computer Science & Engineering in
Artificial Intelligence & Machine Learning
Computer Science & Engineering in Data Science
Electrical & Computer Engineering (*Proposed)
Electronics & Computer Science
Mechanical Engineering

B.E. Direct Second Year (3 Years)
M.E. (2 Years)
Construction Engineering
& Management
*Structural Engineering (*Proposed)
PH.D
Research Centre In Civil Engineering
B.Sc.IT (3 Years)

With You... Till You Do Not Need Us - In Any Way

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